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Group Art Unit: 2832

Amendments to the Specification

Please amend, accordingly, the following paragraphs in the Summary of the Invention:

Please replace paragraph [0005] with the following amended paragraph:

[0005] According to a first aspect of the invention there is provided a core for a multi-phase transformer, ~~the~~ The core includes ~~ing~~ a body made of two or more rings having a common central axis, each ring consisting of a strip of magnetic permeable material wound about the ~~said~~ central axis, The ~~said~~ body is provided with a plurality of windows passing radially through said ~~the~~ body, each window bound by opposed axially extending legs and opposed circumferentially extending branches, wherein said branches of each window are provided in respective axially adjacent rings, The ~~said~~ branches and legs of each window defining a closed magnetic circuit of substantially uniform magnetic permeability through about ~~about~~ which magnetic flux can circulate, ~~about said windows.~~

Please replace paragraph [0006] with the following amended paragraph:

[0006] ~~Preferably~~ The core includes a plurality of primary windings, At least one primary winding is provided for each electrical phase, each primary winding having at least one turn wound directly about a branch or a leg of a corresponding window. This produces the magnetic flux that circulates about the corresponding window or about a periphery of an ensemble of the corresponding window and one or more sequentially adjacent windows.

Please replace paragraph [0026] with the following amended paragraph:

[0026] ~~According to another aspect of the invention there is provided a core for a multi-phase transformer, said core including a body made of magnetically permeable material in the shape and configuration of a loop about a central axis, said body provided with a plurality of windows passing axially through said body, each window defined by radially opposite branches~~

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~~and circumferentially opposite legs, where each leg is common to two circumferentially adjacent windows.~~ The core includes a plurality of primary windings. At least one primary winding is provided for each electrical phase, each primary winding having at least one turn wound directly about a branch or leg of a corresponding window. This produces the magnetic flux that circulates about the corresponding window or about a periphery of an ensemble of the corresponding window and one or more sequentially adjacent windows.

Please replace paragraph [0039.1] with the following amended paragraph:

[0039.1] According to another aspect of the invention, there is provided a core for a multi-phase transformer. The core includes a body made of two or more rings having a common central axis. Each ring consists of a strip of magnetic permeable material wound about a central axis for one or more turns forming radially stacked laminations co-axial with the axis. The body has a plurality of windows passing radially through the body, each window bound by opposed axially extending legs and opposed circumferentially extending branches. The branches and legs of each window define a closed magnetic circuit of ~~substantially uniform magnetic permeability~~ through which magnetic flux can circulate about the windows.

Please add the following new paragraph after paragraph [0039.1] to the Summary of the Invention:

[0039.2] The core includes a plurality of primary windings. At least one primary winding is provided for each electrical phase, each primary winding having at least one turn wound directly about a branch or a leg of a corresponding window. This produces the magnetic flux that circulates about the corresponding window or about a periphery of an ensemble of the corresponding window and one or more sequentially adjacent windows.